

**FAIRFAX COUNTY**  
**DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES**

Request for Qualifications - Architectural/Engineering Services

THE COUNTY OF FAIRFAX, VIRGINIA, Department of Public Works and Environmental Services (DPWES) is soliciting statements of qualifications from engineering firms to provide evaluation, design, and services during construction for the rehabilitation of the three existing equalization basins and ancillary facilities at the Noman M. Cole Jr. Pollution Control Plant (NMCPCP) located at 9399 Richmond Highway, Lorton, Virginia.

The NMCPCP is an advanced wastewater treatment plant currently permitted for 67 million gallons per day (MGD). The Equalization Basins Rehabilitation (the project) shall meet the County requirement of maintaining plant's operations during construction. The project shall consider improvements in safety, structural integrity, operation, and functionality of Equalization Basins Rehabilitation with the intentions of satisfying future growth and high flow requirements. The evaluation shall also take into consideration improving the flood restraining devices along the Pohick Creek.

Equalization Basin #1 current capacity is approximately 5.7 MG. This basin provides storage volume during period of high flow. This basin has a clay sub base with soil and grass surface. A portion of the basin is located underneath of K3 building.

Equalization Basins #2 current capacity is approximately 8.1 MG. This basin provides storage volume for secondary treatment effluent that allows for a constant flow rate to the tertiary treatment facilities.

Equalization Basin #3 current capacity is approximately 6.2 MG. This basin is used to equalize flow into the tertiary treatment facilities. Basins #2 and 3 have concrete liners with under drain systems and pumping stations.

Consultants who wish to be considered for this work must submit eight (8) copies of their statements of qualifications to Brad Melton, Director, Utilities Design & Construction Division, Capital Facilities, DPWES, 12000 Government Center Parkway, Suite 463, Fairfax, Virginia 22035-0056. The statements of qualifications must include:

- Statement of Interest;
- GSA Standard Form 330 Part 1 and Part II for the primary firm and all major sub-consultants; and
- List of references with current addresses and telephone numbers for recently completed projects of a similar nature.

The multi-disciplinary consulting team should have expertise in the evaluation and design of equalization basin systems under similar operating conditions to that of the NMCPCP, treatment process, automation, safety, regulations, energy efficiency, hydraulics, and construction support

services. All submissions must be complete and clearly document the capability and experience in designing similar projects for large water or wastewater treatment plants. A Selection Advisory Committee (SAC) will evaluate all firms based on the following:

- Technical experience of lead consultant and sub consultants;
- Performance/experience with similar projects;
- Pertinent experience of project manager;
- Team structure, project management, and overall project approach;
- Availability of resources; and
- Capability of administering the project efficiently.

Firms that are short-listed will be invited by the SAC to present and discuss their qualifications and approach to the project. A detailed scope of work will be provided to the short-listed firms. At the County's option, the selected firm may be requested to provide services during construction.

All statements of qualifications shall be delivered no later than 4:00 p.m., local prevailing time on Friday, January 25, 2013. Statements of qualifications received after the submission deadline will not be considered. The statements of qualifications shall not exceed fifty (50) pages of data (twenty five sheets printed front and back, or fifty sheets of single sided print) including GSA 330 forms.

Fairfax County is committed to paying a living wage to all qualified County employees and encourages contractors and sub-contractors involved in all County programs, services, and activities to pay a living wage to their employees. Further, Fairfax County is committed to protecting the environment. As such, all statements of qualifications must be made of paper product only to allow recycling.

For additional information concerning this project, please contact Gerges Abdou, Project Manager, Wastewater Design and Construction Branch, Utilities Design and Construction Division, at [gerges.abdou@fairfaxcounty.gov](mailto:gerges.abdou@fairfaxcounty.gov) or 703-550-9740 Ext. 113.



To request this information in an alternate format, please call Maria Logan, Building Design and Construction Division, Department of Public Works and Environmental Services at 703-324-5800, TTY: 711.